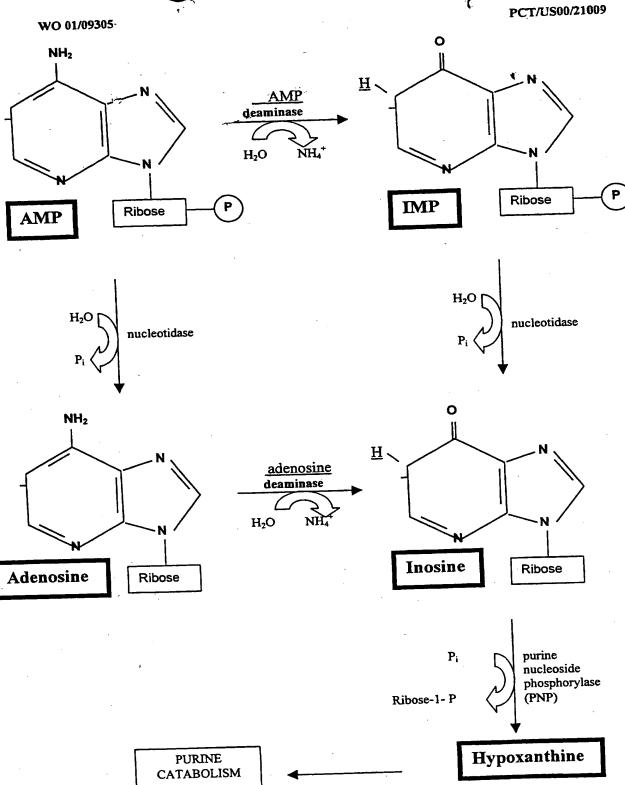


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FIGURE 2

Comparison of AMP Deaminase Polypeptides From Corn, Rice, Soybean, and Wheat (SEQ ID NOs:14, 16, 18, and 20) and Arabidopsis thaliana

	MPKTMPVSLLTKWNDIGSDPLPGKASQNGDTKPVPSTNMIRSQSATGSLHGAQHNPVAADILRKEPEHETFSRINITA IDTTYLHANGTGGPEGKIPFEPLPNHVNANGEQMAITPS-MIRSHSVSGDLHGVQPDPIAADILRKEPEHETFTRLRITP		MICL				KVIAAGNIR KVIAAGNIR			
Arabidopsis thaliana	SEQ ID NO:14 SEQ ID NO:16	SEQ ID NO:10	gi 7484807	SEQ ID NO:14 SEQ ID NO:16	SEQ 1D NO: 10 SEQ 1D NO: 20	SEQ ID NO:14 SEQ ID NO:16	SEQ ID NO:1	SEQ ID NO:16 SEQ ID NO:16	SEQ ID NO:2	SEQ ID NO:14 SEQ ID NO:16 SEQ ID NO:18 SEQ ID NO:20

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FIGURE 2 (continued)

LCHNISHGINLRKSPVLQYLYY TSHNIAHGVNLKKSPVLQYLYY TAHNIAHGINLKKSPVLQYLYY LCHSISHGINLRKSPVLQYLYY	CDLCEIARNSVYQSGFSHALKAH CDLCEIARNSVYQSGFSHRLKSH CDLCEIARNSVYQSGFSHALKAH CDLCEIARNSVYQSGFSHALKAH		
ERRPTKHMPTPEQWTNVENPAESYYAYYCYANLFTLNKLRESKGMTTIKERPHAGEAGDVDHLAATFLLCHNISHGINLRKSPVLQYLYY ERRPTKHMPTPEQWTNVFNPAYAYYYYCYANLYTLNKLRESKGMTTIKLRPHCGEAGDIDHLAAAFLTSHNIAHGVNLKKSPVLQYLYY ERRPTKHMPTPEQWTNVFNPAFSYYVYYCYANLYTLNKLRESKGMTTIKFRPHSGEAGDIDHLAATFLTAHNIAHGINLKKSPVLQYLYY ERRPTKHMPTPEEWTNVFNPAFSYYAYYCYANLYTLNKLRESKGMTTIKFRPHAGEAGDVDHLAATFLLCHSISHGINLRKSPVLQYLYY ERRPTKHMPTPEEWTNVFNPAFSYYAYYCYANLYULNKLRESKGMTTITLRPHSGEAGDIDHLAATFLLCHSIAHGINLRKSPVLQYLYY	LGQIGLAMSPLSNNSLFIDYHRNPFPTFFQRGLNVSLSTDDPLQIHLTKEPLVEEYSIAASLWKLSSCDLCEIARNSVYQSGFSHALKAH LAQIGLAMSPLSNNSLFIDYHRNPFPTFFLRGLNVSLSTDDPLQIHLTKEPLVEEYSIAASLWKLSSCDLCEIARNSVYQSGFSHRLKSH LAQIGLAMSPLSNNSLFIDYHRNPFPMFFLRGLNVSLSTDDPLQIHLTKEPLVEEY	WIGKNYFKRGPAGNDIHRTNVPHIRVQFREMIWRNEMKLVYSDNEILIPDELDL WIGRNYYKRGHDGNDIHQTNVPHIRIEFRHTIWKEEMELIHLRN-VDIPEEIDR	PIGKNYYKRGPSGNDIHRTNVPTIRIEFRDLIWRDEMQLVYLNNVIL-PDEVDQ WIGKDYYKRGPDGNDIHKTNVPHIRVEFRDTVWNEIYLFFTQVNFSL
SEQ ID NO:14 SEQ ID NO:16 SEQ ID NO:18 SEQ ID NO:20	SEQ ID NO:14 SEQ ID NO:16 SEQ ID NO:18 SEQ ID NO:20 gi 7484807	SEQ ID NO:14 SEQ ID NO:16	SEQ ID NO:18 SEQ ID NO:20 qi 7484807

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FIGURE 3 Comparison of Adenosine Deaminase Polypeptides From Soybean (SEQ ID NO:22) and E. coli

Comparison of Adelicative Dominated Transported to the Comparison of Adelicative Comparison of A					
Comparison C	SEQ ID NO:22	SEQ ID NO:22	g1 2308342 SEQ ID NO:22	gi 2506342 SEQ ID NO:22	gi 2506342